Available online at www.sciencedirect.com
SCIENCE DIRECT®
ELSEVIER
European Journal of Operational Research 160 (2005) 877–879
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH
www.elsevier.com/locate/dsw

Contents Volume 160

1 Editorial: Applications of mathematical programming models
B. Lev
3 Hierarchical cellular network design with channel allocation
J. Kalvenes, J. Kennington and E. Olinick
19 Optimizing the packing of cylinders into a rectangular container: A nonlinear approach
E.G. Birgin, J.M. Martínez and D.P. Ronconi
34 Ranking lower bounds for the bin-packing problem
S. Elhedhli
47 The capacitated minimum spanning tree problem: On improved multistar constraints
L. Gouveia and M. João Lopes
63 Fractional programming approach to two stochastic inventory problems
Y.F. Chen
72 Product development resource allocation with foresight
N.R. Joglekar and D.N. Ford
88 Models for bundle trading in financial markets
J. Abrache, T.G. Crainic and M. Gendreau
106 Efficient solutions for a university timetabling problem through integer programming
S. Daskalaki and T. Birbas
121 Constrained optimization involving expensive function evaluations: A sequential approach
R. Brekelmans, L. Driessen, H. Hamers and D. den Hertog
139 Heuristic method for a mixed capacitated arc routing problem: A refuse collection application
M.C. Mourão and L. Amado
154 Data structures and ejection chains for solving large-scale traveling salesman problems
D. Gamboa, C. Rego and F. Glover
172 Supporting the intelligent MCDA user: A case study in multi-person multi-criteria decision support
J. Hodgkin, V. Belton and A. Koulouri
190 Minimizing earliness and tardiness penalties in a single-machine problem with a common due date
C.M. Hino, D.P. Ronconi and A.B. Mendes
202 On nondifferentiable fractional minimax programming
I. Husain, M.A. Hanson and Z. Jabeen
218 Nondifferentiable multiobjective programming under generalized *d*-univexity
S.K. Mishra, S.Y. Wang and K.K. Lai
227 On the complexity of minmax regret linear programming
I. Averbakh and V. Lebedev
232 Multiparametric sensitivity analysis in programming problem with linear-plus-linear fractional objective function
S. Singh, P. Gupta and D. Bhatia

doi:10.1016/S0377-2217(04)00381-9

242 Efficient solution generation for multiple objective linear programming based on extreme ray generation method
M. Ida
252 Game theoretic models for climate change negotiations
F. Forgó, J. Fülöp and M. Prill
268 A stochastic approach to a case study for product recovery network design
O. Listeş and R. Dekker

289 Editorial: Feature cluster on "Decision support systems in the internet age"
J.-C. Pomerol
291 Dealing with imprecise information in group multicriteria decisions: a methodology and a GDSS architecture
L.C. Dias and J.N. Clímaco
308 A case-based fuzzy multicriteria decision support model for tropical cyclone forecasting
J. San Pedro, F. Burstein and A. Sharp
325 Addressing time-scale differences among decision-makers through model abstractions
I.A. Gelman
336 Support for decision implementation and follow-up
M.R.S. Borges, J.A. Pino and C. Valle
353 Data warehouse clustering on the web
A. Triantafillakis, P. Kanellis and D. Martakos
365 Assessing the of potential of e-business models: towards a framework for assisting decision-makers
J. Hayes and P. Finnegan
380 Configurable offers and winner determination in multi-attribute auctions
M. Bichler and J. Kalagnanam
395 Graceful reassignment of excessively long communications paths in networks
H. Luss and R.T. Wong
416 The extended concentric tabu for the quadratic assignment problem
Z. Drezner
423 Optimal bivariate clustering and a genetic algorithm with an application in cellular manufacturing
D.F. Rogers and S.S. Kulkarni
445 Makespan minimization for two parallel machines with an availability constraint
C.-J. Liao, D.-L. Shyur and C.-H. Lin
457 Locating median cycles in networks
M. Labbé, G. Laporte, I. Rodríguez Martín and J.J.S. González
471 Minimizing the weighted number of tardy jobs on parallel processors
R. M'Hallah and R.L. Bulfin
485 A linear time approximation algorithm for movement minimization in conveyor flow shop processing
W. Espelage and E. Wanke
501 Neural network forecasting for seasonal and trend time series
G.P. Zhang and M. Qi
515 Estimation of parameters in latent class models using fuzzy clustering algorithms
M.-S. Yang and N.-Y. Yu
532 Fuzzy strategic replacement analysis
P.-T. Chang
560 Fuzzy disk for covering fuzzy points
L. Li, S.N. Kabadi and K.P.K. Nair

574 A correction to "Single machine scheduling with release times, deadlines and tardiness objectives" [EJOR 133 (2001) 447–453]
C. Koulamas and G.J. Kyparisis
576 A note on exact algorithms for the identical parallel machine scheduling problem
M. Dell'Amico and S. Martello

579 Decision analysis and artificial intelligence. Feature cluster from the XIX EURO Summer Institute, Toulouse, France, 9–21/9/2001
P. Perny and A. Tsoukiàs
582 Selecting preferred solutions in the minimax approach to dynamic programming problems under flexible constraints
D. Dubois and Ph. Fortemps
599 The biobjective travelling purchaser problem
J. Riera-Ledesma and J.J. Salazar-González
614 Combining latent learning with dynamic programming in the modular anticipatory classifier system
P. Gérard, J.-A. Meyer and O. Sigaud
638 A list-based compact representation for large decision tables management
J.A. Fernández del Pozo, C. Bielza and M. Gómez
663 Learning multicriteria classification models from examples: Decision rules in continuous space
J. Dombi and Á. Zsiros
676 Stability analysis of tree structured decision functions
A. Ekárt and S.Z. Németh
696 Supporting triage of children with abdominal pain in the emergency room
Sz. Wilk, R. Słowiński, W. Michalowski and S. Greco
710 Multiple-attribute decision support system based on fuzzy logic for performance assessment
M. Omero, L. D'Ambrosio, R. Pesenti and W. Ukovich
726 Transitivity-preserving fuzzification schemes for cardinality-based similarity measures
B. De Baets and H. De Meyer
741 Propositional distances and compact preference representation
C. Lafage and J. Lang
762 How to decide what to do?
M. Dastani, J. Hulstijn and L. van der Torre
785 Propositional belief base merging or how to merge beliefs/goals coming from several sources and some links with social choice theory
S. Konieczny and R. Pino Pérez
803 Selecting IS personnel use fuzzy GDSS based on metric distance method
L.-S. Chen and C.-H. Cheng
821 A cost allocation problem arising in hub–spoke network systems
N. Matsubayashi, M. Umezawa, Y. Masuda and H. Nishino
839 Decision support for the career field selection process at the US Air Force Academy
A.P. Armacost and J.K. Lowe
851 Search during decision making
P.C. Nutt
877 Contents Volume 160